

**ABSTRACT OF THE INVENTION**

A sprinkler and root feeder assembly (10) is provided comprising a housing (12) defining a first chamber (18) and a second chamber (20), a first fluid inlet (22) in communication with the first chamber (18) and adapted to be connected to a source of pressurized fluid and a first outlet (26) adapted to be connected to a sprinkling unit (14) and in communication with the first chamber (18). Also included is a second fluid inlet (28) in communication with the second chamber (20) and adapted to be connected to a source of pressurized fluid and a second outlet (32) adapted to be connected to a root feed unit (16) and in communication with the second chamber (20), wherein the first chamber (18) and the second chamber (20) are adapted to receive a water soluble chemical.